Course
ITF - IT forensics

Version: undefined | Last Change: – | Draft: undefined | Status: undefined

⌃ General information

Long name	IT forensics
Approving CModule	ITF_MaTIN
Responsible	Jürgen Bornemann Lehrbeauftragter
Level	Master
Semester in the year	winter semester
Duration	Semester
Hours in self-study	78
ECTS	5
Professors	
Requirements	undefined
Language	German, English if necessary
Separate final exam	Yes

Final exam

Details

In an oral examination, students are questioned on the basis of the previously submitted written report.

Minimum standard

undefined

Exam Type

In an oral examination, students are questioned on the basis of the previously submitted written report.

⌃ Lecture / Exercises

Learning goals

Knowledge

Basic concepts of cyber security and digital forensics

Typical vulnerabilities, threats and risks

Dangers with mobile systems, home office, WLANs

Basics and working methods of IT forensics

Forensic documentation creation

Common tools for forensic investigations

Recognize and secure digital evidence

Open source forensics

File system forensics

Forensic analysis of mobile systems

Vulnerabilities, threats, attacks on network structures

KALI Linux - Operating System for Vulnerability and Pentesting

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Lecture	2
Exercises (whole course)	1

Separate exam

^ Practical training

Learning goals

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Demonstrate action competence

Students can work on case-related forensic tasks and incidents independently or in working groups using the knowledge they have acquired. They show how to secure, analyze and document digital evidence.

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Practical training	1

Separate exam

Exam Type
written report

Details
undefined

Minimum standard
undefined